

1 / 20

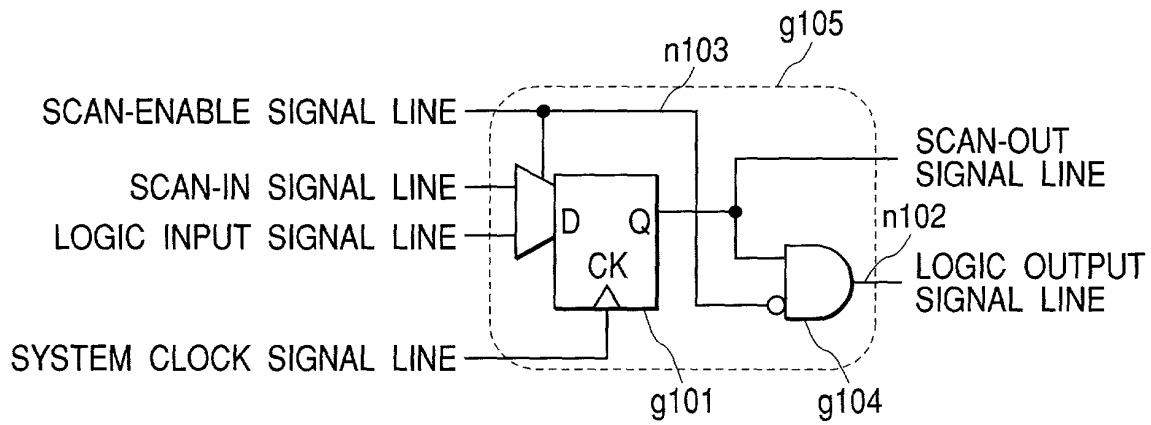
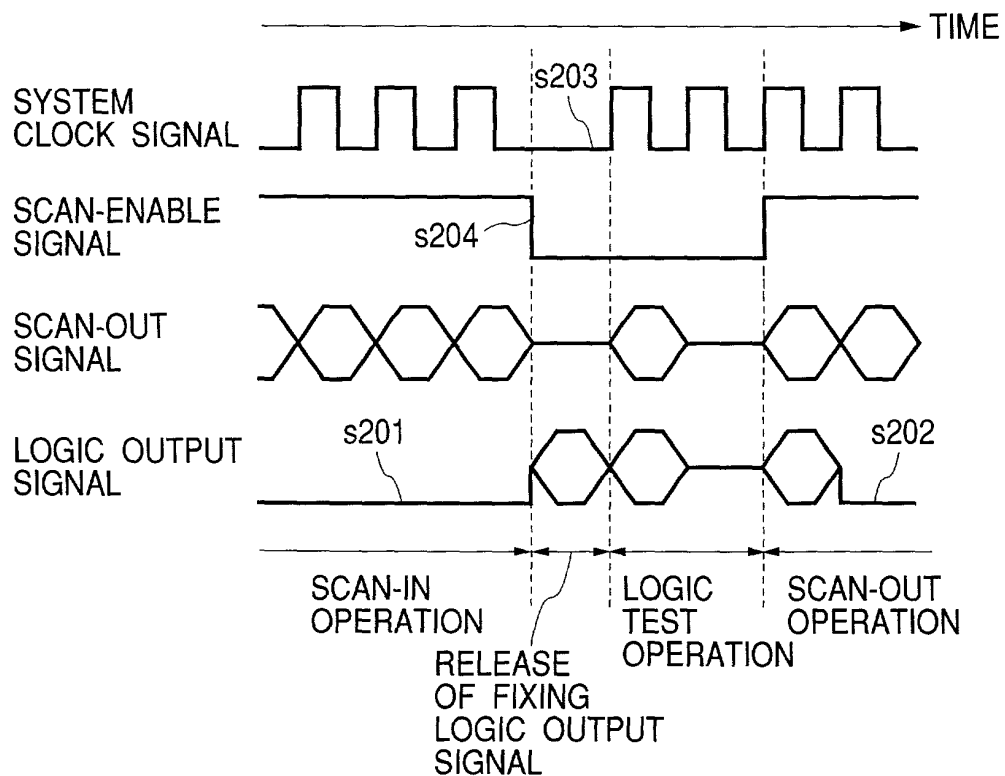
FIG. 1**FIG. 2**

FIG. 3

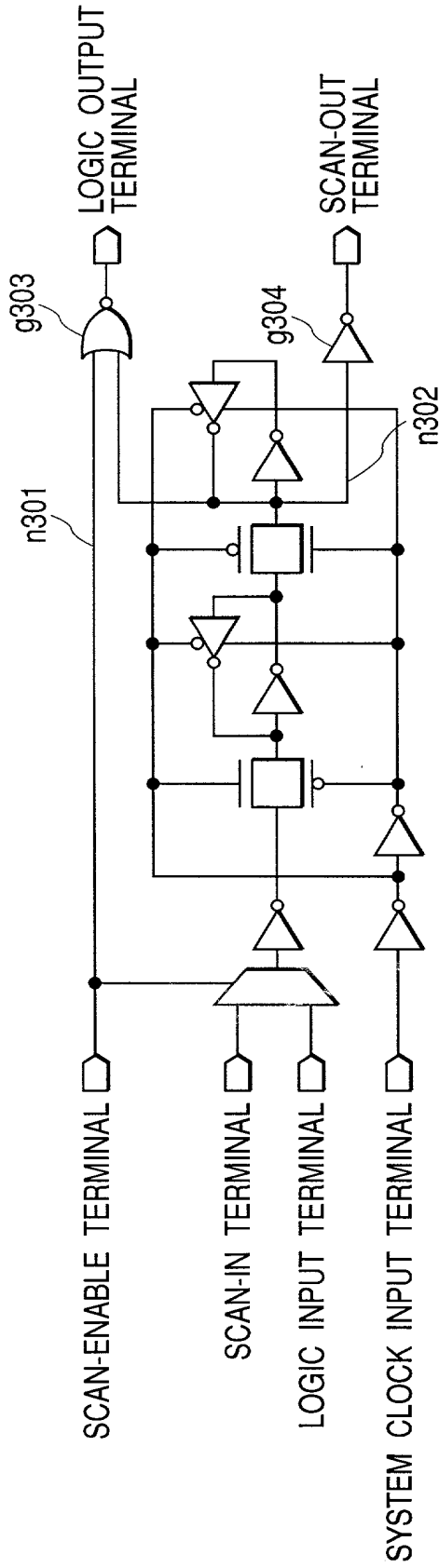


FIG. 4

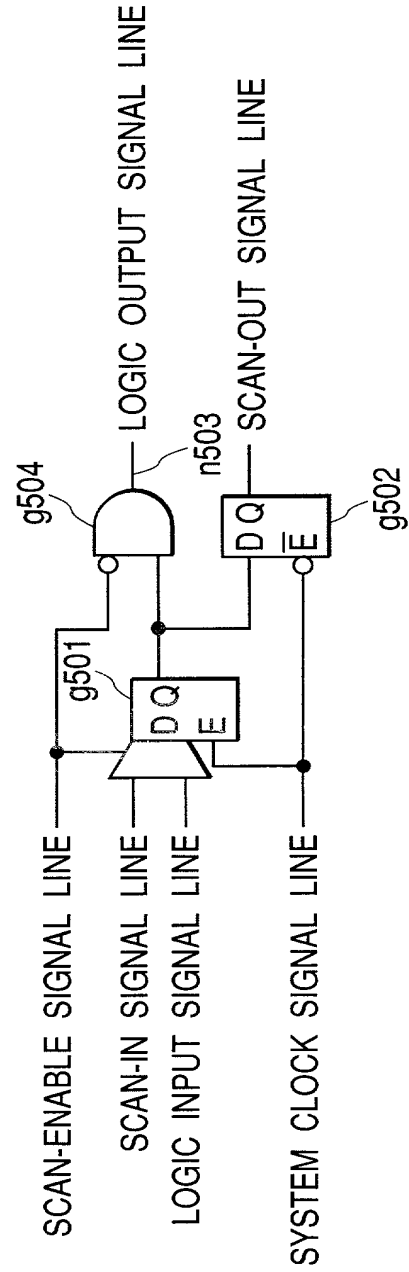


FIG. 5

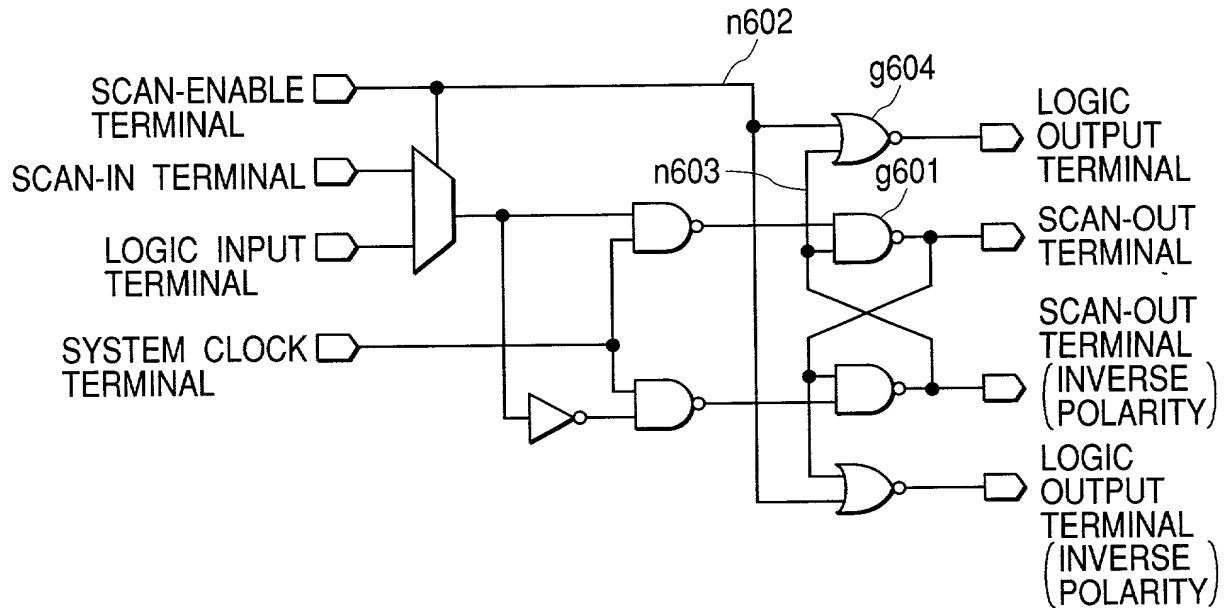


FIG. 6

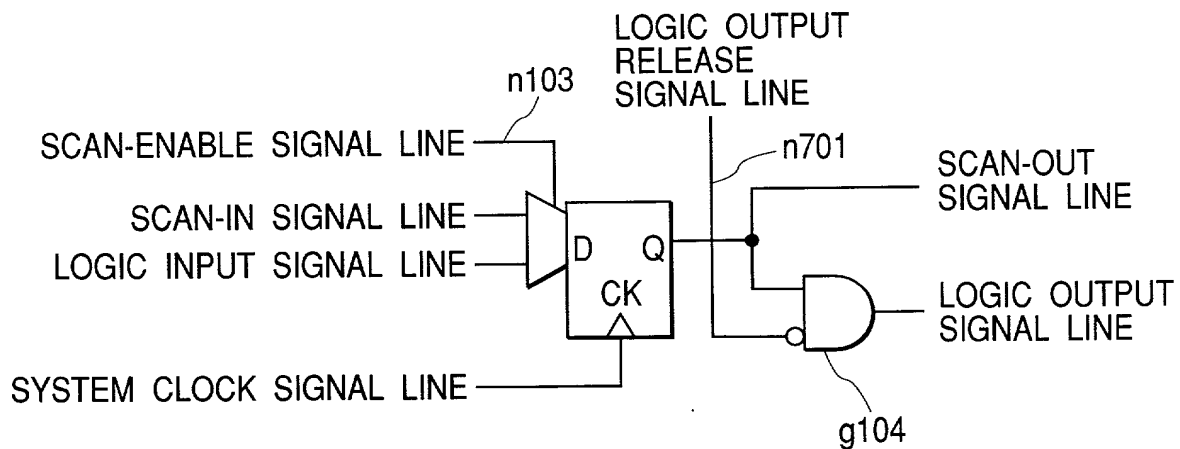


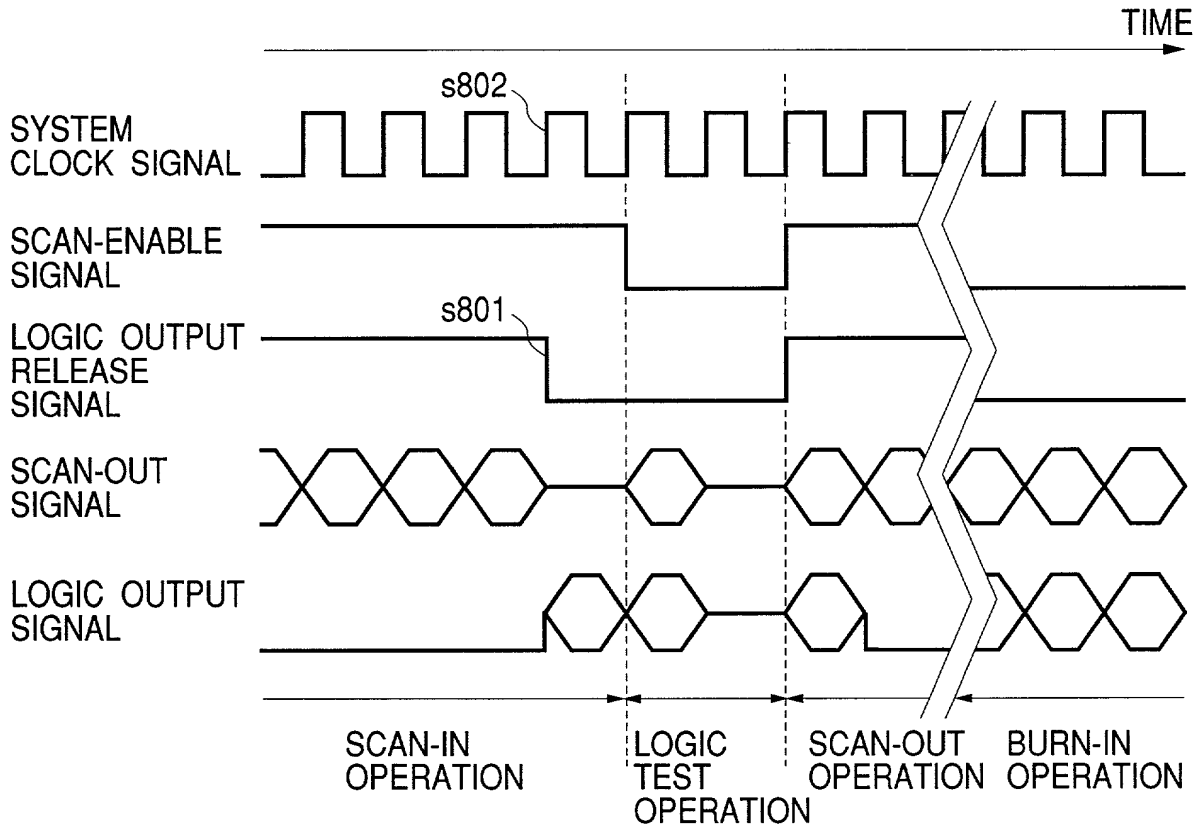
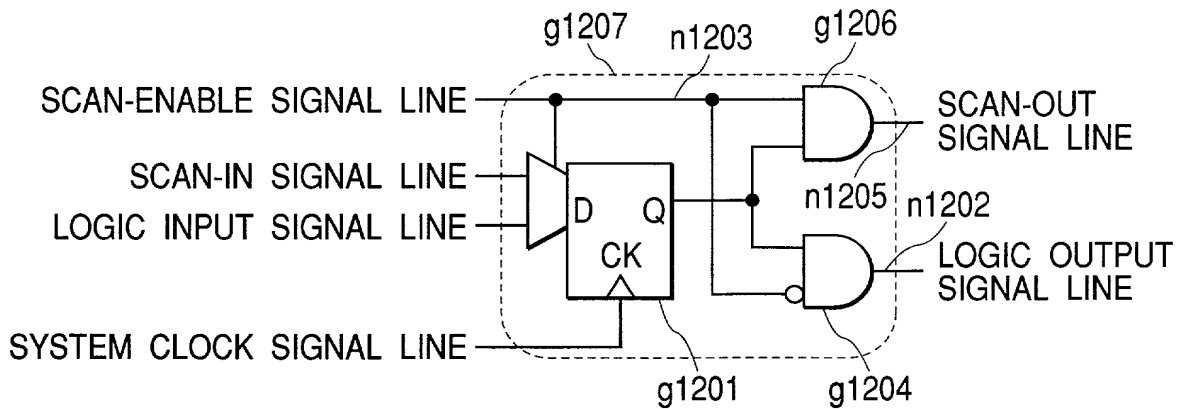
FIG. 7**FIG. 8**

FIG. 9

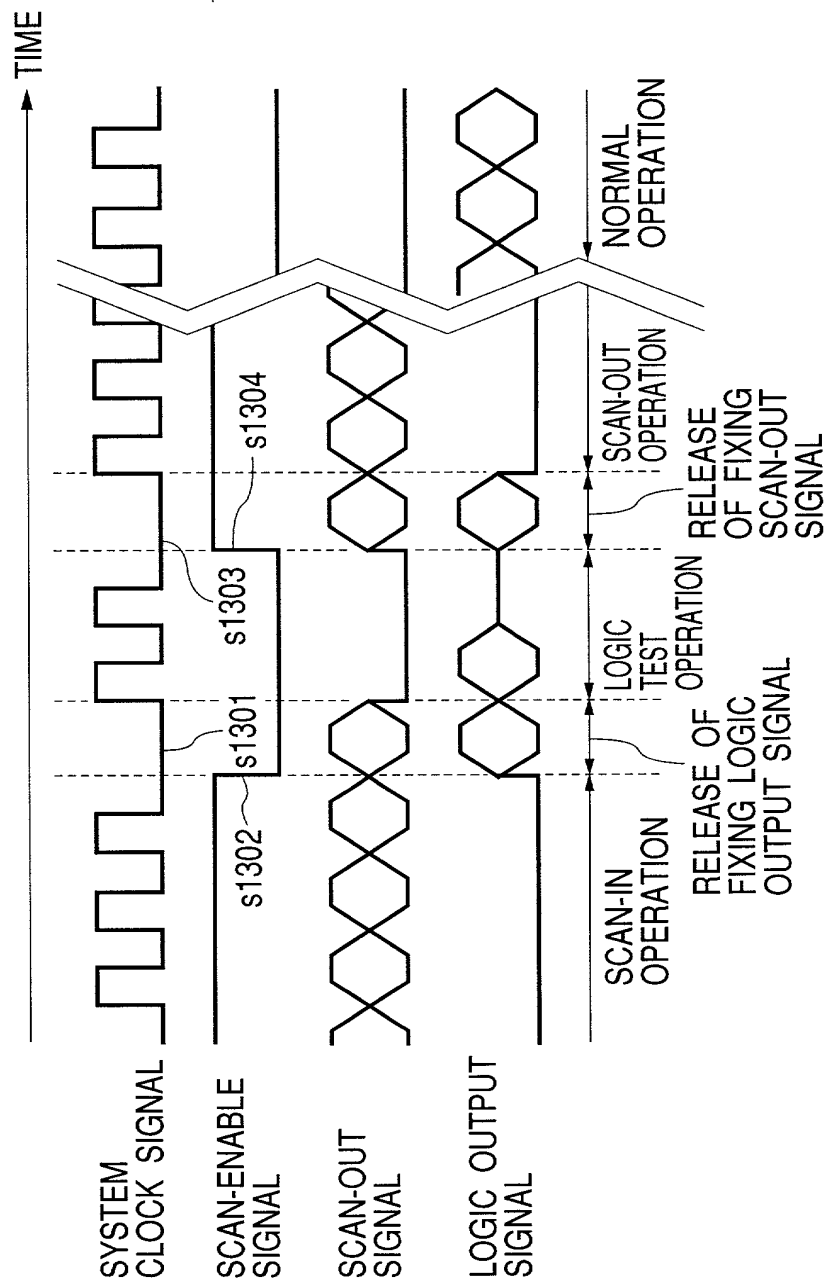


FIG. 10

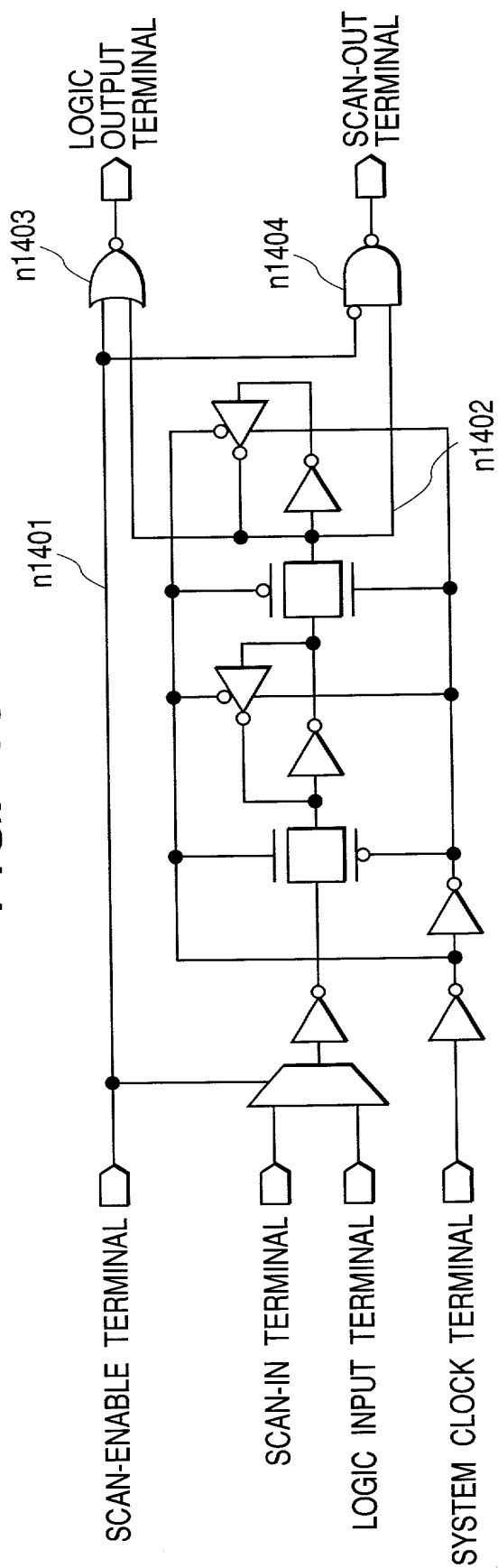


FIG. 11

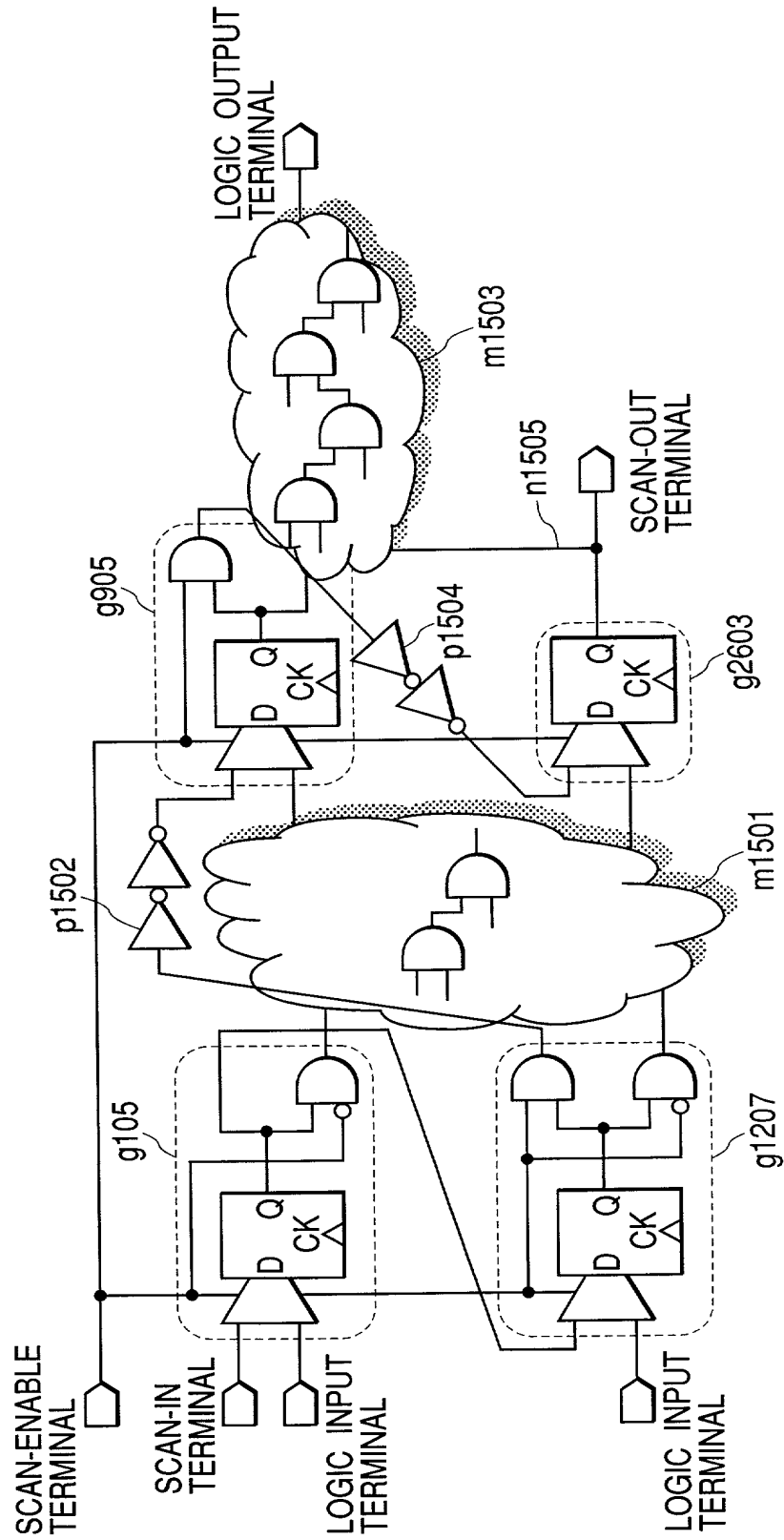


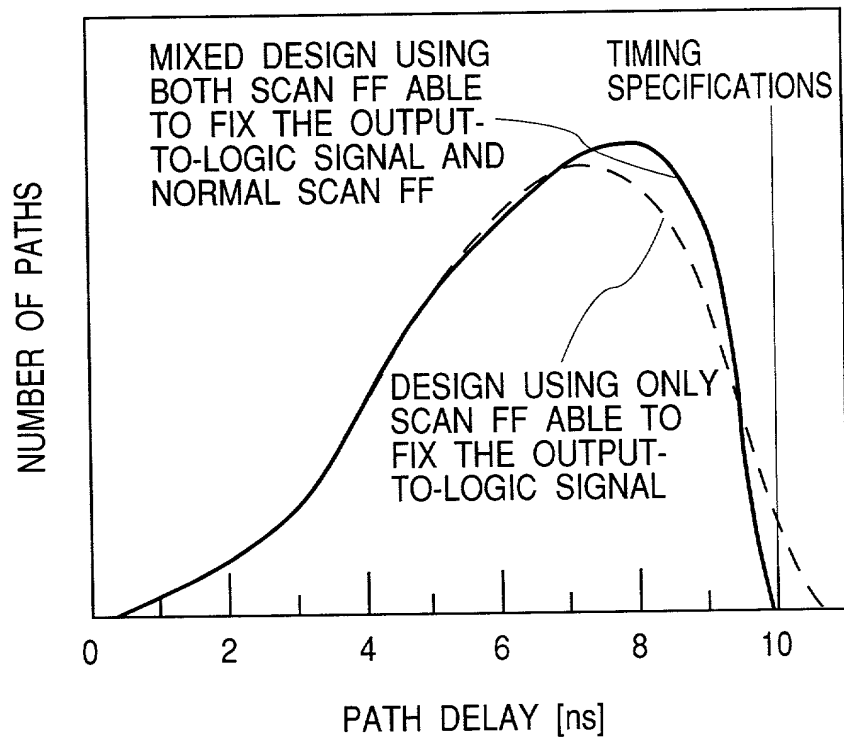
FIG. 12

FIG. 13

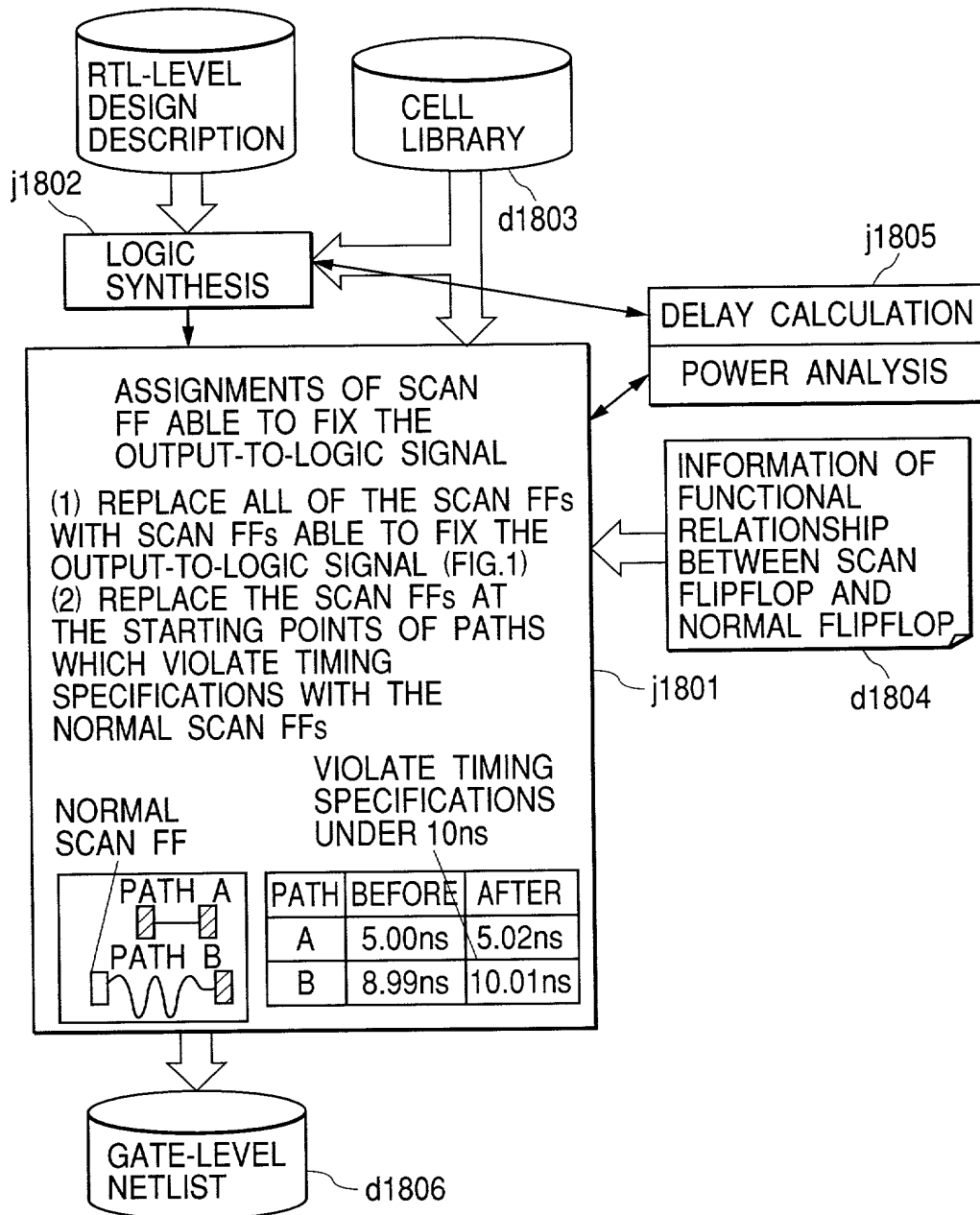


FIG. 14

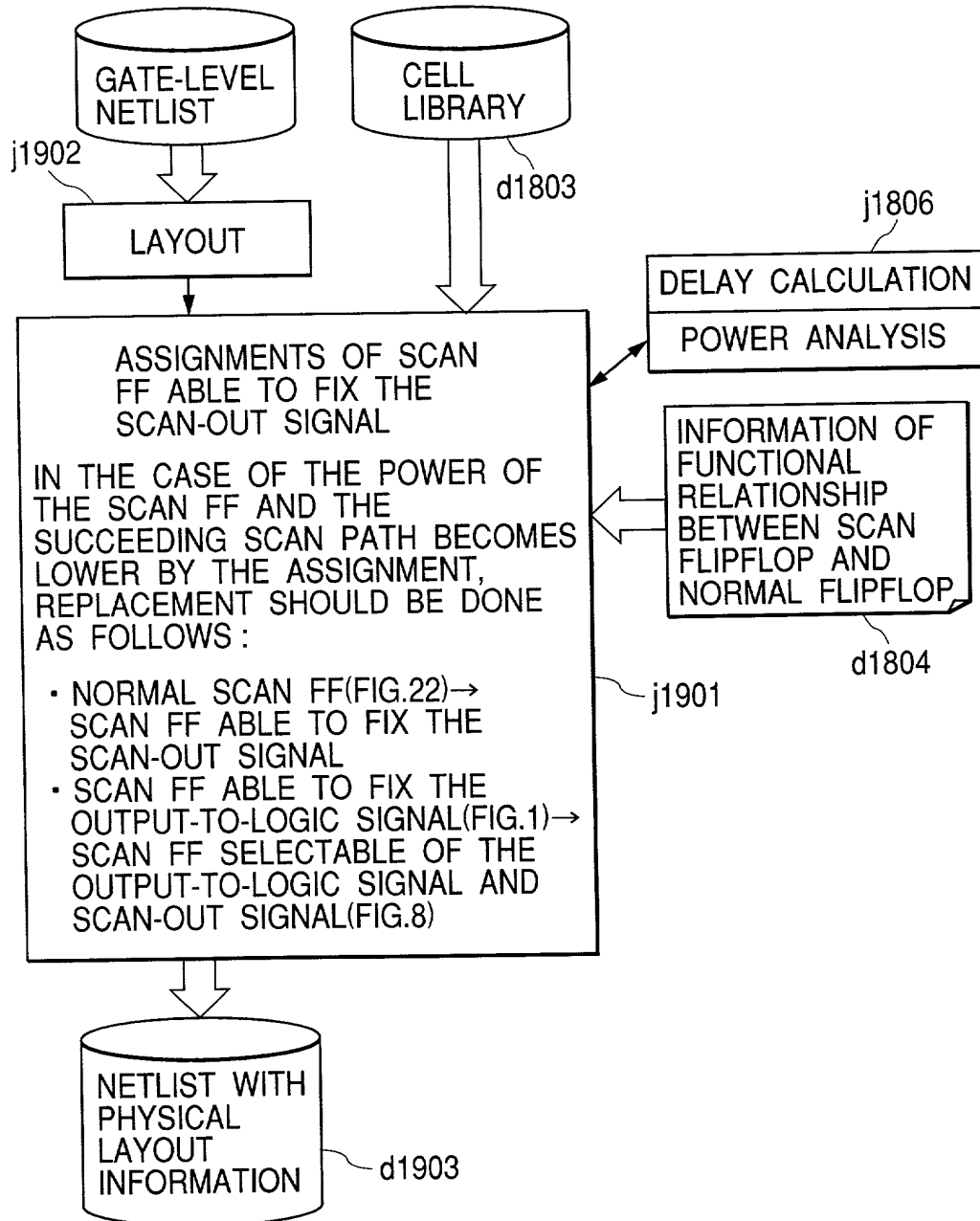


FIG. 15

PINS OF scandff1							PINS OF scandff1						
	logicmasked_scandff1							Logicscanswitched_scandff1					
	d	si	se	cp	q			d	si	se	cp	q	
d	V						d	V					
si		V					si		V				
se			V				se			V			
cp				V			cp				V		
q					V		q					V	
so					V		so						V

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FIG. 16

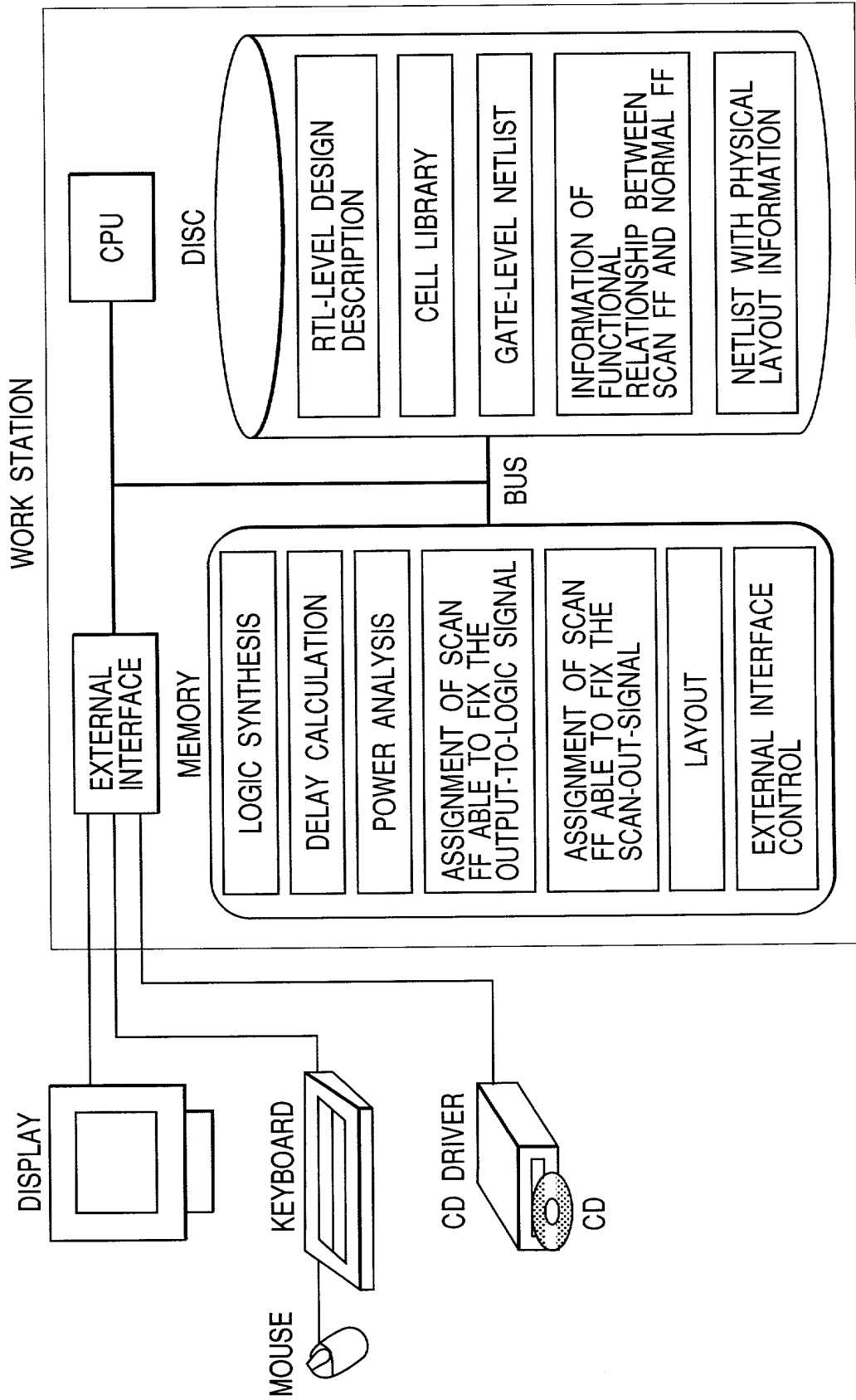


FIG. 17

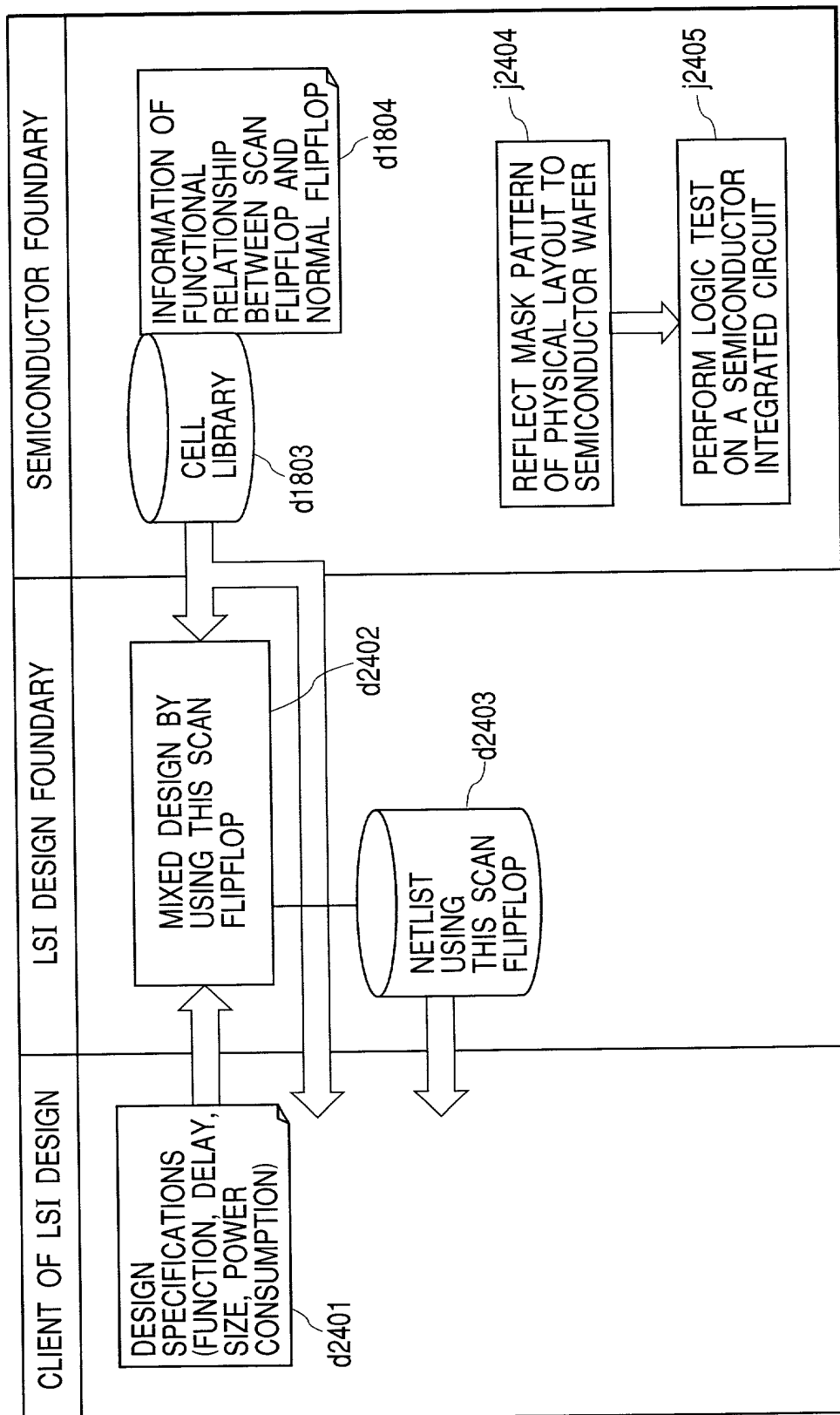


FIG. 18

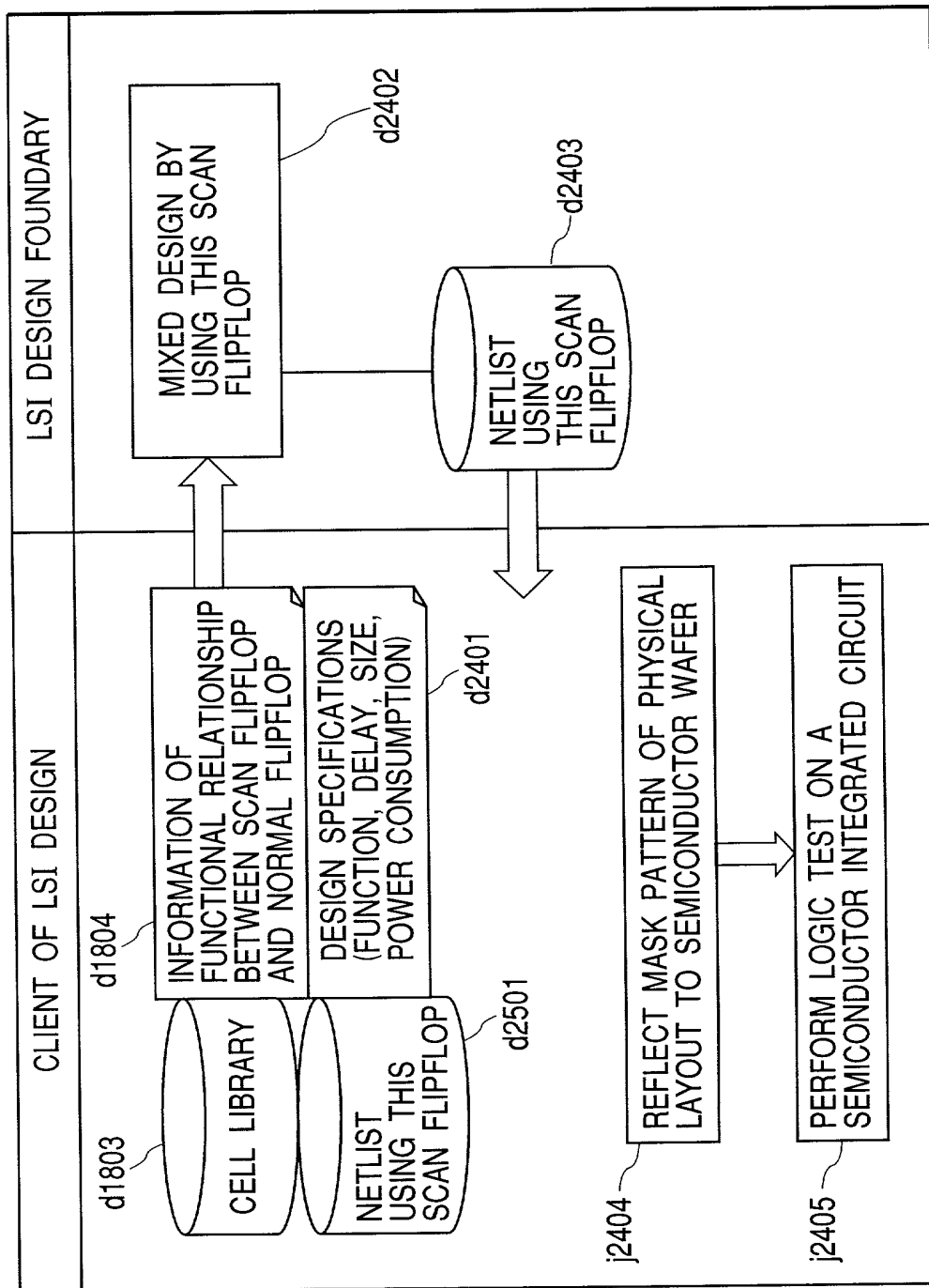


FIG. 20

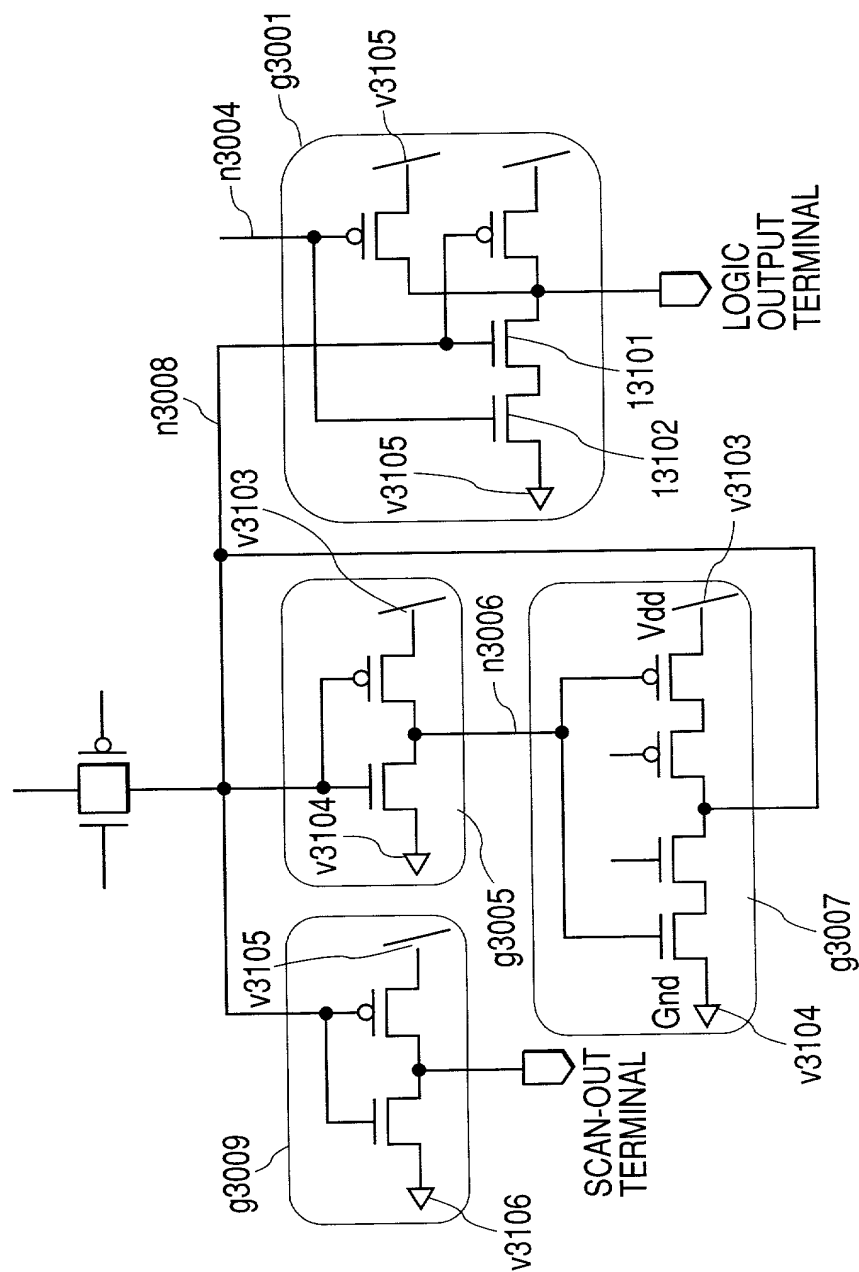


FIG. 21

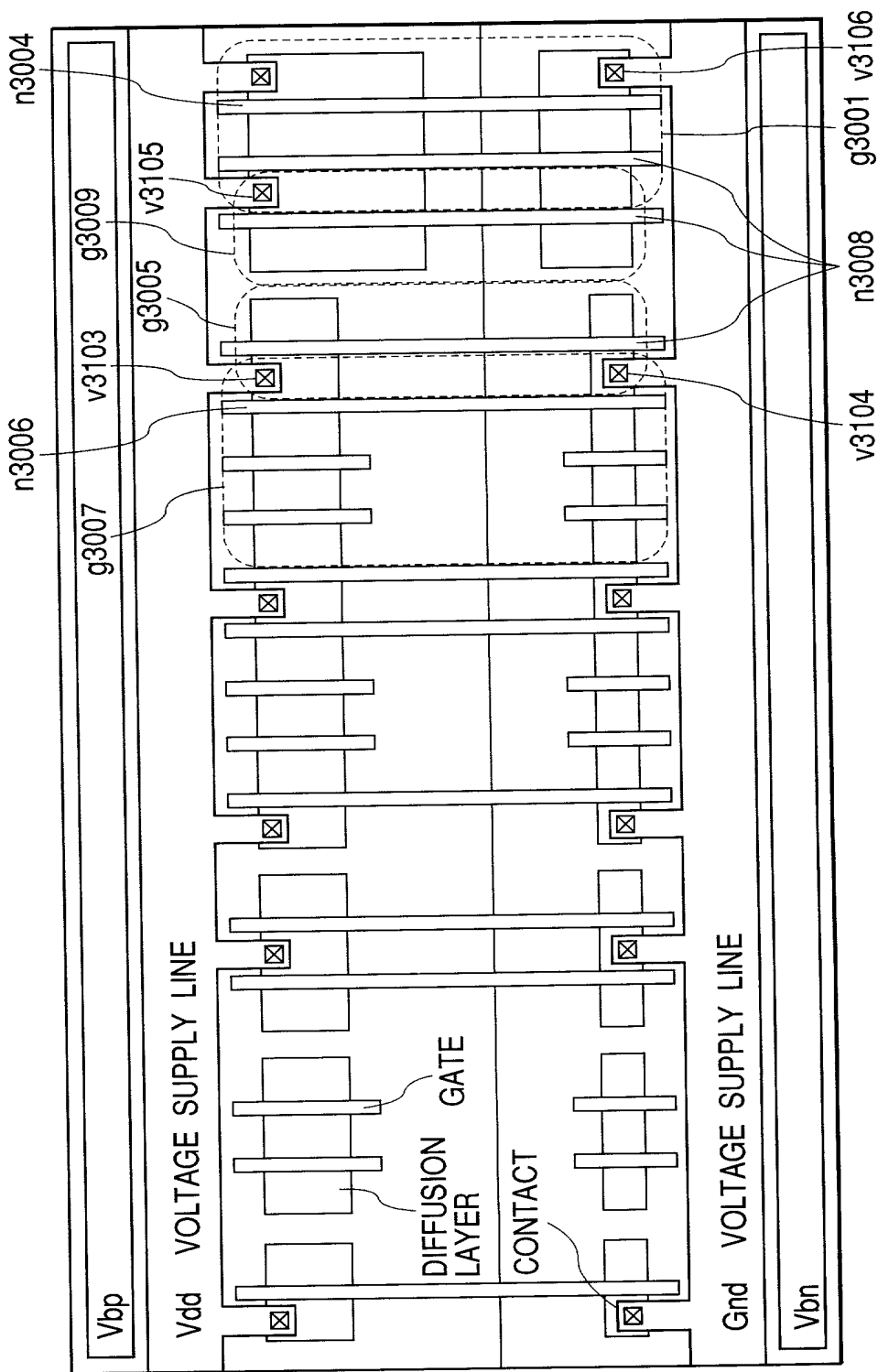


FIG. 22

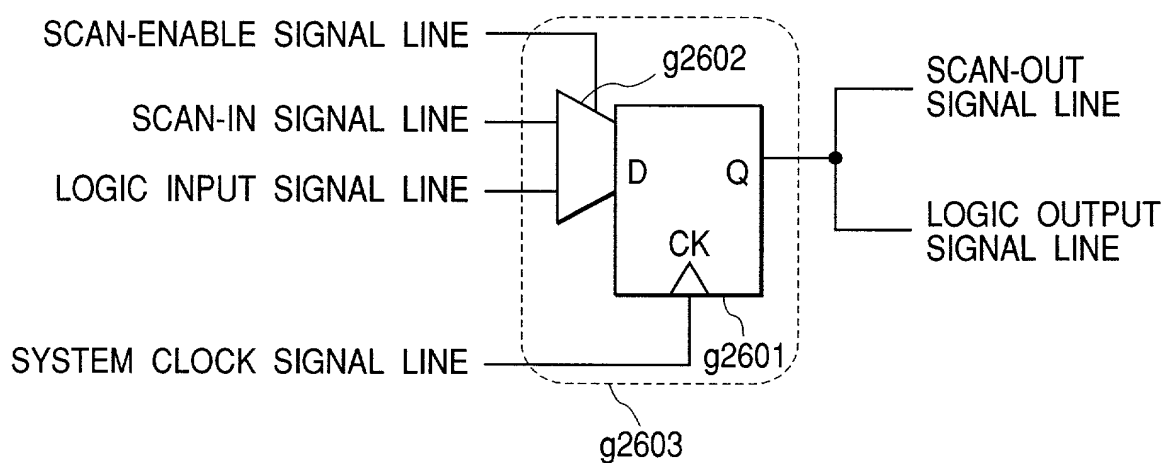


FIG. 23

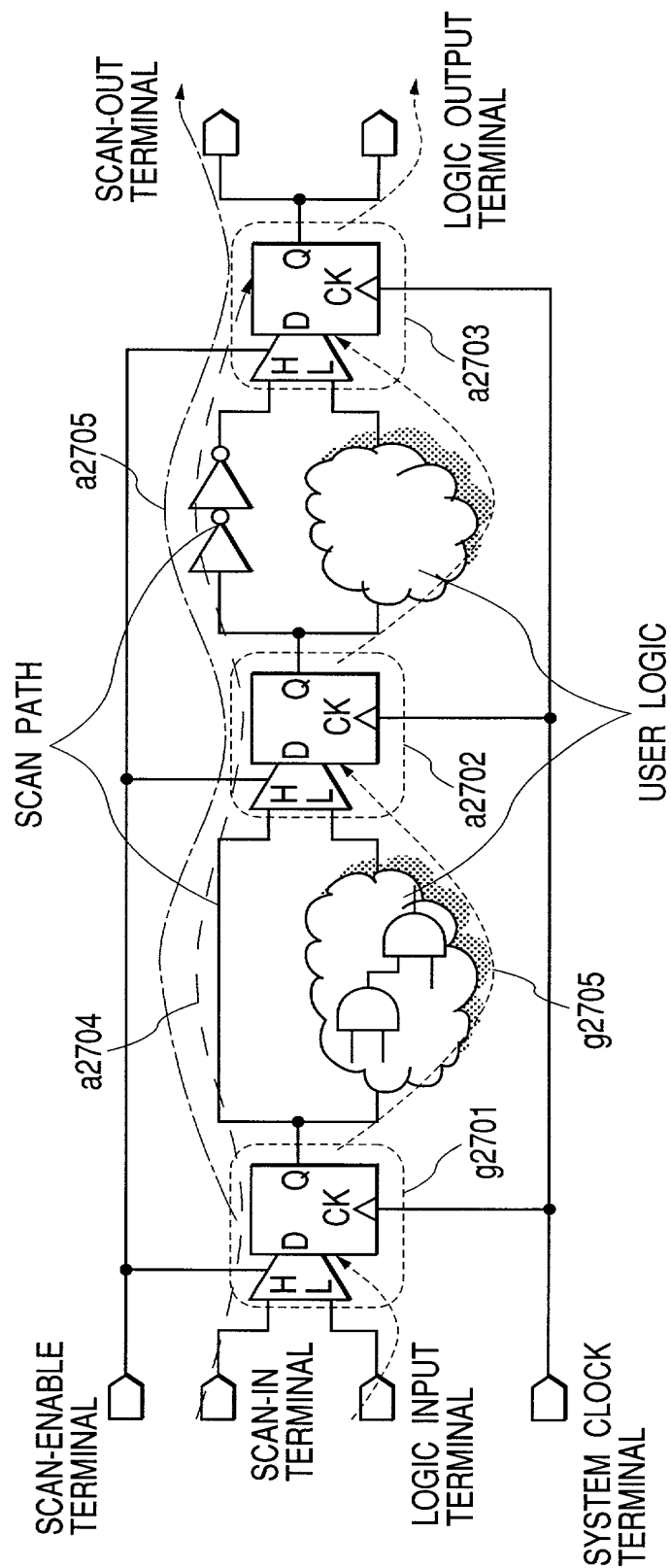


FIG. 24

